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PATENT SPECIFICATION

DRAWINGS ATTACHED

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COMPLETE SPECIFICATION

Package for Milk Products and the like

I, ROGER ROUSSET, a French Citizen of 22 Rue Pierre Bourdan, Bron (Rhône), France do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

Various milk products include two components admixed with each other. Examples are fresh cheese and cream or yoghurt and a fruit product. In many cases it is better for such components to be mixed only at the moment of consumption, by reason of the chemical reactions which may take place, and an object of the invention is to provide a package which allows the two components to be carried separately and to be very easily mixed immediately before consumption.

The invention consists broadly in a package for a milk product comprising two components to be mixed together immediately before use, said package consisting of a single pair of two initially open mouthed containers of different cross sectional area, there being closure means for sealing each such container, the receptacle portions of the containers being separated to hold the two components apart, but the containers being flexibly interconnected along a common edge adjacent the container mouths so as to allow one of the containers to be tilted relative to the other, thus emptying its contents into the other container. Preferably, the package is constituted by a sheet of plastics material moulded by vacuum forming or blowing, the connecting area between the two containers being formed with a continuous or discontinuous weakened line along which a fold or break may be initiated, so as to allow one of the containers to be tilted relative to the other. Said double package may be made however of any other material such as metal foil or cardboard, whether coated or otherwise. Preferably the mouths of the containers have peripheral flanges extending in the same plane and the package is closed by a fluidtight sheet

or film common to both containers and glued or welded at a raised temperature along the edges of said containers.

The invention may be performed in various ways and one specific embodiment will now be described by way of example with reference to the accompanying diagrammatic drawings, in which

Figure 1 is a lateral elevational view of the package,

Figure 2 is a plan view thereof from above,

Figure 3 is a longitudinal sectional view of the package, and

Figure 4 is a view similar to Figure 3 during the transfer of the contents of one of the elementary containers into the other, after opening of the package.

The illustrated package is originally formed from a sheet of plastics material which, after shaping by vacuum forming or blowing, forms two open mouthed containers 2 and 3 of which the container 2 has a volume which is much larger than that of the container 3. The two containers 2 and 3 have flanges formed around their mouths and are flexibly interconnected along a common edge, which edge forms part of the sheet of plastics material. By reason of said interconnection, the breadth of the connecting area between the two containers is reduced to a minimum and on said area there is formed a continuous or discontinuous straight line 5 acting as a line of fold round which it is possible to tilt the container 3 with reference to the container 2.

The package thus executed may carry various products formed by two components introduced into the containers 2 and 3 respectively. Said package is particularly suitable for the packaging of double-ingredient milk products, such as for instance fresh cheese and cream or yoghurt and a fruit product.

In all cases, the main component such as fresh cheese or yoghurt is introduced into the larger container 2, while the auxiliary component such as cream or a fruit product, is intro-

duced into the smaller container 3. The larger container is only partly filled, leaving space for the auxiliary component to be added later. When the two containers have been charged in this way, the package is closed by a sheet or film 6 of which the periphery is glued or welded at a raised temperature along the upper edge 4 of the complete package.

When the contents of the package are to be eaten, said sheet or film is torn off and the two components of the desired final product are mixed with each other merely by tilting the smaller container 3 round the line of the fold 5 as illustrated in Figure 4. The component contained in the container 3 is thus poured into the container 2 so that the two components, whether fresh cheese and cream or yoghurt and fruit product are mixed together.

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WHAT I CLAIM IS:—

1. A package for a milk product comprising two components to be mixed together immediately before use, said package consisting of a single pair of two initially open mouthed containers of different, cross sectional area there being closure means for sealing each such container, the receptacle portions of the containers being separated to hold the two components apart, but the containers being flexibly interconnected along a common edge adjacent the container mouths so as to allow one of the containers to be tilted relative to the other,

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thus emptying its contents into the other container.

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2. A package as claimed in claim 1, constituted by a sheet of plastics material moulded by vacuum forming or blowing, the connecting area between the two containers being formed with a continuous or discontinuous weakened line along which a fold or break may be initiated so as to allow one of the containers to be tilted relative to the other.

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3. A package as claimed in claim 2, wherein the mouths of both containers have peripheral flanges extending in a common plane, so that after filling the package may be closed by a fluidtight sheet or film common to both containers and glued or heat-welded along its margins to the container flanges, said sheet or film being adapted to be torn off before tilting one container relative to the other before use.

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4. A package as claimed in any of claims 1 to 3, in which the larger container is only partly filled, before the containers are closed, thus providing sufficient space to receive the contents of the smaller container.

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5. A package for milk and the like products of the type disclosed, substantially as described with reference to and as illustrated in the accompanying drawings.

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COMPLETE SPECIFICATION

1 SHEET

*This drawing is a reproduction of
the Original on a reduced scale*

